

A PROCESS FOR THE PRODUCTION OF RIGID FOAMS CONTAINING
URETHANE GROUPS AND PREDOMINANTLY ISOCYANURATE GROUPS

A b s t r a c t

Rigid foams containing urethane groups and predominantly isocyanurate groups are obtained by reaction of

- 1) polyisocyanates with
- 2) compounds containing at least two isocyanate-reactive hydrogen atoms and having a molecular weight of 400 to 10,000 in the presence of
- 3) organic blowing agents and
- 4) flameproofing agents and
- 5) compounds containing at least two isocyanate-reactive hydrogen atoms and having a molecular weight of 32 to 399 as crosslinking agent and optionally in the presence of
- 6) auxiliaries and additives known per se,

using a process in which component 2) has branched chains; component 2), the flameproofing agent 4) and the crosslinking component 5) are used as a formulation in which

component 2) is present in a quantity of 30 to 90 parts by weight,

component 4) is present in a quantity of 10 to 60 parts by weight and

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the parts by weight of these components adding up to 100, and the reaction is carried out in an index range of 200 to 600.